

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): A cell for analyzing ~~fluid~~ sample fluid configured in a manner that sample liquid flows therein and irradiation light passes through the sample liquid, said cell comprising:

an inner tube in which the sample liquid passes, the inner tube having light transitivity and flexibility;

a protection tube positioned outside of the inner tube; and having flexibility, inner circumference of the protection tube being greater than outer circumference of the inner tube; and

an air layer, acting as a reflection layer formed between the inner tube and the protection tube to reflect the light passing within the inner tube

wherein the light passing through the sample liquid transmits the inner tube and then reflects at the air layer having a refraction index that is less than that of the inner tube, and the reflected light transmits the inner tube and enters the sample liquid so as to pass in the sample liquid in the inner tube.

wherein the protection tube prevents the light incident from outside from transmitting on the inner tube side.

2. - 3. (canceled).

4. (currently amended): A cell for analyzing ~~fluid according to claim 1,~~ sample fluid configured in a manner that sample liquid flows therein and irradiation light passes through the sample liquid, said cell comprising:

an inner tube in which the sample liquid passes, the inner tube having light transitivity and flexibility;

a protection tube positioned outside of the inner tube; and having flexibility, inner circumference of the protection tube being greater than outer circumference of the inner tube;  
and

an air layer, acting as a reflection layer formed between the inner tube and the protection tube to reflect the light passing within the inner tube

wherein the light passing through the sample liquid transmits the inner tube and then reflects at the air layer having a refraction index that is less than that of the inner tube, and the reflected light transmits the inner tube and enters the sample liquid so as to pass in the sample liquid in the inner tube.

wherein the protection tube prevents the light incident from outside from transmitting on the inner tube side and

wherein the reflection layer is formed by light reflection means provided on an outer surface of the inner tube.

5. (previously presented): A cell for analyzing fluid according to claim 1, wherein each of the inner tube, the protection tube and the reflection layer has flexibility and bends freely.

6. - 26. (canceled).